

## CHAPTER 26B—BIOMEDICAL RESEARCH IN SPACE

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### § 2487. Findings

The Congress finds that—

- (1) the space program can make significant contributions to selected areas of health-related research and should be an integral part of the Nation's health research and development program;
- (2) the continuing development of trained scientists and engineers is essential to carrying out an effective and sustained program of biomedical research in space and on the ground;
- (3) the establishment and maintenance of an electronically accessible archive of data on space-related biomedical research is essential to advancement of the field;
- (4) cooperation with the republics of the former Soviet Union, including use of former Soviet orbital facilities, offers the potential for greatly enhanced biomedical research activities and progress; and
- (5) the establishment and maintenance of an international telemedicine consultation satellite capability to support emergency medical service provision can provide an important aid to disaster relief efforts.

(Pub. L. 102-588, title VI, § 601, Nov. 4, 1992, 106 Stat. 5130.)

### § 2487a. Biomedical research joint working group

#### (a) Establishment

The Administrator and the Director of the National Institutes of Health shall jointly establish a working group to coordinate biomedical research activities in areas where a microgravity environment may contribute to significant progress in the understanding and treatment of diseases and other medical conditions. The joint working group shall formulate joint and complementary programs in such areas of research.

#### (b) Membership

The joint working group shall include equal representation from the National Aeronautics and Space Administration and the National Institutes of Health, and shall include representation from National Institutes of Health councils, as selected by the Director of the National Institutes of Health, and from the National Aero-

nautics and Space Administration Advisory Council.

#### (c) Annual reporting requirement

The joint working group shall report annually to Congress on its progress in carrying out this section.

#### (d) Annual biomedical research symposia

The working group shall organize annual symposia on biomedical research described in subsection (a) of this section under the joint sponsorship of the National Aeronautics and Space Administration and the National Institutes of Health.

(Pub. L. 102-588, title VI, § 602, Nov. 4, 1992, 106 Stat. 5130.)

#### “ADMINISTRATOR” DEFINED

Administrator means Administrator of the National Aeronautics and Space Administration, see section 102(f) of Pub. L. 102-588, 106 Stat. 5110.

### § 2487b. Biomedical research grants

#### (a) Establishment of program

The Administrator and the Director of the National Institutes of Health shall establish a joint program of biomedical research grants in areas described in section 2487a(a) of this title, where such research requires access to a microgravity environment. Such program shall be consistent with actions taken by the joint working group under section 2487a of this title.

#### (b) Research opportunity announcements

The grants program established under subsection (a) of this section shall annually issue joint research opportunity announcements under the sponsorship of the National Institutes of Health and the National Aeronautics and Space Administration. Responses to the announcements shall be evaluated by a peer review committee whose members shall be selected by the Director of the National Institutes of Health and the Administrator, and shall include individuals not employed by the National Aeronautics and Space Administration or the National Institutes of Health.

(Pub. L. 102-588, title VI, § 603, Nov. 4, 1992, 106 Stat. 5130.)

#### “ADMINISTRATOR” DEFINED

Administrator means Administrator of the National Aeronautics and Space Administration, see section 102(f) of Pub. L. 102-588, 106 Stat. 5110.

### § 2487c. Biomedical research fellowships

The Administrator and the Director of the National Institutes of Health shall create a joint program of graduate research fellowships in biomedical research described in section 2487a(a) of this title. Fellowships under such program may provide for participation in approved research conferences and symposia.

(Pub. L. 102-588, title VI, § 604, Nov. 4, 1992, 106 Stat. 5131.)

#### “ADMINISTRATOR” DEFINED

Administrator means Administrator of the National Aeronautics and Space Administration, see section 102(f) of Pub. L. 102-588, 106 Stat. 5110.

**§ 2487d. Repealed. Pub. L. 105–362, title XI, § 1101(g), Nov. 10, 1998, 112 Stat. 3292**

Section, Pub. L. 102–588, title VI, § 605, Nov. 4, 1992, 106 Stat. 5131, related to joint studies with the republics of former Soviet Union in biomedical research.

**§ 2487e. Establishment of electronic data archive**

The Administrator shall create and maintain a national electronic data archive for biomedical research data obtained from space-based experiments.

(Pub. L. 102–588, title VI, § 606, Nov. 4, 1992, 106 Stat. 5131.)

**“ADMINISTRATOR” DEFINED**

Administrator means Administrator of the National Aeronautics and Space Administration, see section 102(f) of Pub. L. 102–588, 106 Stat. 5110.

**§ 2487f. Establishment of emergency medical service telemedicine capability**

The Administrator shall with the Director of the Federal Emergency Management Agency, the Director of the Office of Foreign Disaster, and the Surgeon General of the United States jointly create and maintain an international telemedicine satellite consultation capability to support emergency medical services in disaster-stricken areas.

(Pub. L. 102–588, title VI, § 607, Nov. 4, 1992, 106 Stat. 5131.)

**TRANSFER OF FUNCTIONS**

For transfer of functions, personnel, assets, and liabilities of the Federal Emergency Management Agency, including the functions of the Director of the Federal Emergency Management Agency relating thereto, to the Secretary of Homeland Security, and for treatment of related references, see sections 313(1), 551(d), 552(d), and 557 of Title 6, Domestic Security, and the Department of Homeland Security Reorganization Plan of November 25, 2002, as modified, set out as a note under section 542 of Title 6.

**“ADMINISTRATOR” DEFINED**

Administrator means Administrator of the National Aeronautics and Space Administration, see section 102(f) of Pub. L. 102–588, 106 Stat. 5110.

**§ 2487g. Authorization of appropriations**

The Administrator should ensure that up to \$3,750,000 from the appropriations authorized for “Research and Development” for fiscal year 1993 are also used to carry out this chapter.

(Pub. L. 102–588, title VI, § 608, Nov. 4, 1992, 106 Stat. 5132.)

**“ADMINISTRATOR” DEFINED**

Administrator means Administrator of the National Aeronautics and Space Administration, see section 102(f) of Pub. L. 102–588, 106 Stat. 5110.

**CHAPTER 27—LOAN SERVICE OF CAPTIONED FILMS AND EDUCATIONAL MEDIA FOR HANDICAPPED**

Sec.

2491 to 2494. Repealed.

2495. National Advisory Committee on Education of the Deaf.

- (a) Establishment; number and appointment of members; representation of interests; Chairman; term of office; vacancies; restriction on term.

Sec.

- (b) Functions of Advisory Committee.  
(c) Advisory professional or technical personnel.  
(d) Compensation and travel expenses.  
(e) Meetings.

**§§ 2491 to 2494. Repealed. Pub. L. 91–230, title VI, § 662(1), Apr. 13, 1970, 84 Stat. 188**

Section 2491, Pub. L. 85–905, § 1, Sept. 2, 1958, 72 Stat. 1742; Pub. L. 87–715, § 1(a), Sept. 28, 1962, 76 Stat. 654; Pub. L. 89–258, Oct. 19, 1965, 79 Stat. 983; Pub. L. 90–247, title I, § 155(a), Jan. 2, 1968, 81 Stat. 804, contained statement of purposes for the provisions.

Section 2492, Pub. L. 85–905, § 2, Sept. 2, 1958, 72 Stat. 1742; Pub. L. 89–258, Oct. 19, 1965, 79 Stat. 983; Pub. L. 90–247, title I, § 155(b), Jan. 2, 1968, 81 Stat. 805; Pub. L. 91–61, § 1(2), Aug. 20, 1969, 83 Stat. 103, defined “Secretary”, “United States”, “deaf person”, “handicapped”, and “construction”.

Section 2493, Pub. L. 85–905, § 3, Sept. 2, 1958, 72 Stat. 1742; Pub. L. 87–715, § 1(b), Sept. 28, 1962, 76 Stat. 654; Pub. L. 89–258, Oct. 19, 1965, 79 Stat. 983; Pub. L. 90–247, title I, § 155(c), (d)(1), Jan. 2, 1968, 81 Stat. 805; Pub. L. 91–61, § 1(1), Aug. 20, 1969, 83 Stat. 102, provided for establishment of a loan service of captioned films and educational media for handicapped and authority of Secretary.

Section 2494, Pub. L. 85–905, § 4, Sept. 2, 1958, 72 Stat. 1743; Pub. L. 87–715, § 1(c), Sept. 28, 1962, 76 Stat. 654; Pub. L. 89–258, Oct. 19, 1965, 79 Stat. 984; Pub. L. 90–247, title I, § 155(e), Jan. 2, 1968, 81 Stat. 805; Pub. L. 91–61, § 1(3), Aug. 20, 1969, 83 Stat. 103, authorized appropriations for fiscal years ending as indicated: \$3,000,000 (June 30, 1966, and 1967), \$8,000,000 (June 30, 1968, and 1969), \$10,000,000 (June 30, 1970), \$12,500,000 (June 30, 1971), \$15,000,000 (June 30, 1972), and \$20,000,000 (June 30, 1973 and thereafter).

Such former provisions are covered by various sections of Title 20, Education, as follows:

<i>Former Sections</i>	<i>Title 20 Sections</i>
2491 .....	1451
2492(1) .....	1401(14)
2492(2) .....	1401(2)
2492(3) .....	Repealed
2492(4) .....	1401(1)
2492(5) .....	1401(4)
2493(a), (b) .....	1452(a), (b)
2493(c)(1)(A) to (C) .....	1453(a)(1) to (3)
2493(c)(1)(D) .....	1232b
2493(c)(2) .....	1453(b)
2493(c)(3) .....	1404
2494 .....	1454

**EFFECTIVE DATE OF REPEAL**

Section 662 of Pub. L. 91–230 provided that the repeal is effective July 1, 1971.

**§ 2495. National Advisory Committee on Education of the Deaf**

**(a) Establishment; number and appointment of members; representation of interests; Chairman; term of office; vacancies; restriction on term**

(1) For the purpose of advising and assisting the Secretary of Education (hereinafter in this section referred to as the “Secretary”) with respect to the education of the deaf, there is hereby created a National Advisory Committee on Education of the Deaf, which shall consist of twelve persons, not otherwise in the employ of the United States, appointed by the Secretary without regard to the civil service laws.

(2) The membership of the Advisory Committee shall include educators of the deaf, persons interested in education of the deaf, educators of the hearing, and deaf individuals.